

Chief Trends in Research on Coal Petrography  
in the USSR and Abroad, by A. A. Isuhar.

RUSSIAN, par, Trudy Laboratoriya Geologii  
Uglya, Ak Nuzh SSSR, Vol VI, 1956, pp 9-17.

Dept of Interior  
Bu of Mines  
Br of Bituminous Coal  
TWT, B57, No 110

Sci - Fuels

Nov 59

*100,582*  
*Lib of Interior*  
*of Department*

Liquid-Vapor Equilibrium in the System Ethylene-  
Benzene, by S. G. Lyubetskiy, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 1,  
1962, pp 141-146.

CB

Sci

Jun 63

233,885

<p>Lyubetskii, S. G., Dolgoplosk, B. A., and Erusalimskii, B. L. KINETICS OF ETHYLENE POLYMERIZATION IN BENZENE AND HEPTANE SOLUTION. Pt. 1 of the Polymerization of Ethylene Under the Influence of Free Radicals. [1962] 7p. Order from ATS \$9.25                      ATS-67N53R</p>	<p>62-12784</p> <ol style="list-style-type: none"><li>I. Lyubetskii, S. G.</li><li>II. Dolgoplosk, B. A.</li><li>III. Erusalimskii, B. L.</li><li>IV. Title: Polymerization of...</li><li>V. ATS-67N53R</li><li>VI. Associated Technical Services, Inc., East Orange, N. J.</li></ol>
<p>Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 5, p. 734-739.</p>	<p>209105</p>
<p>DESCRIPTORS: *Ethylenes, *Polymerization, *Reaction kinetics, *Benzenes, Free radicals, Solutions, Heptanes.</p>	<p>Office of Technical Services</p>
<p>(Chemistry--Organic, TT, v. 7, no. 11)</p>	

Synthesis and Investigation of the Properties of  
Hydroxyethylcellulose Phthalates, by S. N. Ushakov,  
O. M. Klimova, S. G. Lyubetsky, 10 pp.

Full tr

RUSSIAN, no per, Zhur Prikl Khim, Vol XXIX, No 3,  
1956, pp 438-446. CIA 9000995-C, Reel No 42

Consultants Bureau

Sci - Chemistry  
Nov 56 CTS

40,495

The Production of Steel and Castings Under Vacuum,  
by D. G. Lyubetskiy, 5 pp.

RUSSIAN, bk, Proizvodstvo Stali i Otlivok v  
Vakume, 1959, pp 67, 168-171. 9660421

*ATIC* MCL 633

USSR

Econ

Mar 61

*144, 252*

On Inequalities Betweest the Powers of a Linear  
Operator, by Ju. I. Lyubic, 45 p.  
RUSSIAN, per, Izvestiya Akademii Nauk SSSR,  
Seriay Matemat, Vol XXIV, 1960, pp 825-864.

Am Math Soc  
Vol XL, Ser 2

*Ju. I. Lyubic*

Sci-Math  
Jun 66

302,707

INTERACTION OF ROOT SYSTEMS OF DIFFERENT  
TREE SPECIES, BY F. P. LYUBICH, 5 PP.

RUSSIAN, PER, SEL SKOYE KHOZ POVOLZH YA,  
VOL 111, NO 5, 1958, PP 55-58. 9082297

OTS 60-21894  
PL-480

SCI - BIOL

NOV 61

PST 278

172,402

V  
A. The Basic Questions of Improving the Quality of Children's and Pre-School Shoes, by M. G. Lyubich;  
B. The Nailing Method of Putting Soles on Shoes, by A. I. Anop, B. I. Polyanker, I. A. Prikhodchenko, A. F. Reznik; C. Experience in Preparing Glove Leather From Pigskin, by D. Ya. Rabinovich, S. D. Kovtynovich; D. Figure Milling Heels and Cutting Out Soles, by A. K. Oganessov, 17 pp.  
(ID 1274776) UNCLASSIFIED

RUSSIAN, no per, Leg Prom, No 6, Moscow, 1954, pp 26-30; 36; 37; 41.

24,944 G-2, @SUSA G-4630

USSR  
Economic -

Jun 55 CTS

63

The Use of Poisson's Ratio for Geological  
Interpretation of Gravity and Magnetic  
Anomaly Analogs, by A. A. Lyubimov,  
G. A. Lyubimov.

RUSSIAN, per, Massiva i Otkryta Nedr, Vol 34,  
No 7, 1968, pp 38-42.

ATS-RJ-5308

*A. A. Lyubimov*

Sci-Bar Sci  
Mar 70

403,182

Prevention of Burns in Horses During Gas Chamber  
Treatment, by A. E. Lyubimov, 5 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXII, No 8/9, Moscow,  
Aug/Sep 1945, pp 39, 40.

USDA Tr

USSR

Scientific - Medicine

CTS/DEX

3766

Energy Dependence of the Slope of the Diffraction  
Curves for  $pp$ ,  $Kp$ ,  $Kp$ ,  $p$  and  $p$  Scattering, 85  
by A. L. Lyubimov.  
RUSSIAN, rpt. 9231867  
ABC-NP-Tr-1316

*Lyubimov, A. L.*

Sci - Phys  
Feb 66

295,487

Absorption of Cosmic Rayn Particles Generating  
Electrono-Nuclear Showers, by S. A. Andreev, A. M.  
Igubinov, K. P. Ryzhkova. 4 pp.

RUSSIAN, English no per, Dok Ak Nauk, USSR, Vol XC,  
No 1, 1958, pp 51-54.

NSF Tr 62

Scientific - Nuclear Physics

OTS/DEX

4753

Electronic - Nuclear Showers of Cosmic Rays  
and the Nuclear - Cascade Process, by H. G.  
Birger, V. I. Veksler, N. A. Dobrotin, G. T.  
Zatsepin, L. V. Kurnosova, A. L. Lambisov,  
I. L. Rozental' and L. Kh. Sydnus. <sup>m</sup>  
A

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol 19,  
No 9, 1949, pp 826-850.

Sci Museum Lib No 50/3263 - London

A-787

The Problem of the Penetration of Silver into Tungsten, by V. I. Ralchovskiy, A. P. Lyubimov, V. M. Gannach, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4, 1960, pp 906-909.

CB

Sci

Jul 61

167, 411

A Study of the Thermodynamic Properties of Binary  
Iron-Manganese System in the Solid State, by  
A. P. Lyubimov, A. A. Granovskaya, L. Ye.  
Berensteyn, 10 p.

RUSSIAN, per, Zhur Fiz Khimii, 1958, Vol XXXII,  
No 7, pp 1591-1596.

SLA 60-10369

Sci  
Apr 60  
Vol III, No 3

112,042

Procedure for Measuring the Ionization Cross  
Sections and Ionization Coefficients of Metal  
Atoms, by A. P. Lyubimov, S. I. Pavol, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser  
Fiz, Vol XXVII, No 8, 1963, pp 1060-1064.

CTXT

Sci  
Sep 64

266,614

Measurement of Small Vapor Pressures at Elevated  
Temperatures, Part IV -- The Partial Vapor  
Pressures of the Components in the System Ag - Pb.,  
by A. A. Granovskaya, A. P. Lushinov, 8 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVII, 1953,  
pp 1437-1442.

CIA/FOD X-2118

AGL Tr 2495

Scientific - Physics  
Jul 56 CFS/dex

~~36,576~~  
36,576

The Measurement of Small Vapour Pressures at High  
Temperatures. V. Partial Vapour Pressure of the  
Components in the Iron/Phosphorous System, by  
A. A. Granovskaya, A. P. Luibimov, 4 pp.

*(signature)*  
RUSSIAN, per, Zhur Fiz Khim, Vol XXVII, No 10,  
1953, pp 1443-1445.

Sci Mus Lib - 56/0287

Sci - Chemistry, Minerals/Metals,

May 1956

33,792  
CIA/FDD X-2121

s-188/60

(BY-3700).

Bering Strait Dam, by Boris Lyubimov, 8 pp.

RUSSIAN, np, Literaturnaya Gazeta, No 131 (4907),  
24 Oct 1959, pp 1, 2.

JPRS 2390

Sci - Engr  
Apr 60

112,613

175 1 - 497

Prospect of the Use of Small-size Turboborers in  
Structural Geological Research Drilling, by  
B. G. Lyubimov.

RUSSIAN, no per, Neft Khoz, Vol XXXIV, No 8, 1956,  
pp 6-9.

Tech and Comm Tr  
\$30.00

Sci - Engineering, drilling wells  
Jan 1957 CSE/dax

*Handwritten:*  
41,983  
1957

Method for Constructing the Profile of Turbine Blades  
(Vaness) of Turbo-Borers, by B. G. Iyubimov.

RUSSIAN  
Sovetsk, per, Vest Khov, Vol XXXIII, No 12, 1955,  
pp 12-17.

Tech and Comm Tr  
\$62.50

35,618

Scientific - Engineering; Fuels

Concerning the aminazine antagonists, by B. I.  
Lyubinov, 7 pp.

RUSSIAN, bk, Novye Dannye po Farmakologii i Klinike  
Proizvodnykh Fenotiazinovogo Ryada, Vol I, 1958.

OTS 60-21856  
PL-48c

Sci

*184, 351*

Feb 62

PST 220

(NY-6970)

Psychopharmacologic Agents of the Depressant  
Type, by Yu. I. Vikhlyayev, B. I. Lyubimov,  
5 PP.

RUSSIAN, per, Vest Ak Med Nauk SSSR,  
Vol XVI, No 10, 1961, pp 78-82.

JPRS 12767

Sci - Med

183, 441

Mar 62

The Antagonists of Aminaxine in Relation to its  
Hypotensive and Adrenolytic Action, by B. I. Lyubimov,  
5 pp.

RUSSIAN, per, Byul Eksp'er Biol i Med, Vol XIV, No 5,  
1958, pp 65-69.

Consultants Bureau,

Sci - Med

Feb 59

80,420

R-900

(MC-1942)

Designing of Nonferrous Metal Shavings, by V. M. Kozlovskiy, D. A. Lvuhinov, (Technical Data on Soviet Heavy Machinery from the Bulletin of Technical and Economic Information, 1957), 4 pp. ~~UNCLASSIFIED~~

RUSSIAN, per, *Svull Tekh-Ekon Informatsii*, No 4, Moscow, 1957, pp 22-25.

US JENS/DC-352

USSR

Econ - Heavy Machine bldg.  
Jan 58 59

77,865

63

The Use of Poisson's Ratio for Geological  
Interpretation of Gravity and Magnetic  
Anomaly Anomaly, by A. A. Lyubimov,

G. A. Lyubimov.

RUSSIAN, see, *Journal of Oceanic Tech.*, Vol 34,  
No 7, 1968, pp 91-92.  
AMS-27-1308

*G. A. Lyubimov*

Sci-Bar Sci  
Mar 70

403,162

Gas-Ionizing Magnetohydrodynamic Shock Waves, by  
A. G. Kulikovskiy, G. A. Lyubimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 52-55.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

120, 652

Jul 60

The Effect of Viscosity and Heat Conduction  
on the Flow of a Gas Behind a Severely Curved  
Shock Wave, by G. A. Lyubimov, 5 pp

RUSSIAN, per, Vestnik Moskovskogo Univer, Ser  
Mate Mekh, Astron, Fiz, Khim, No 5, 1958,  
pp 33-35. 9664204

FED-TT-61-266

Sci. - Phys

186, 639

5 Feb 62

11 556

UK-30

LYUBIMOV G. A.

Investigation of a stationary discontinuity surface in an  
electromagnetic field with a gas conductivity jump

Izv. Akad. Nauk SSSR, Otdel Tekhn. Nauk, Mekhan. i  
Mashinostr., No. 5, 9-15 (1959) 9092981

in 052805 ARS Journal Russian supplement. April 1960

On loan - English

E u r a t o m

A Geared Turbodrill for Deep Drilling, by G. A.  
Lyubimov:

RUSSIAN, per, Neft Khoz, Vol XXXVIII, No 1, 1960,  
pp 38-43.

ATS 2291-RJ

Sci - Engr

Sep 60

124,884

(NY-3905/2).

Flow Around Bodies by a Non-Ideal Gas Flow With  
High Supersonic Velocities, by G. A. Lyubimov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
Mekh i Mash, No 1, Jan/Feb 1959, pp 173-175.

JPRS-L-1188-N

Sci - Engr  
Feb 60

107,718

Investigation of a Stationary Discontinuity  
Surface in an Electromagnetic Field With a  
a Gas Conductivity Jump, by G. A. Lyubimov,  
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh  
Nauk, Makh 1 Mash, No 5, 1959, pp 9-15.

ARS  
Apr 60

*Sci*

*115,515*

116  
Some Questions on the Theory of Potential Measurement of Electrode Layers, by G. A. Lyubimov.  
RUSSIAN, per, Zhurnal Prikl Math i Tekh Fiz, Vol. 10, No 4, 1968, pp 10-15.  
\*NASA TT F-12,531

*G. A. Lyubimov*

Sci-Phys  
Oct 69

96  
Some Questions on the Theory of Potential Variation of Electrode Layers, by G. A. Lyubimov.

10 pp.

RUSSIAN, per, Zh Prikl Math i Tekh Fiz, No 4, 1964, pp 10-15.

NASA TT F-12,531

*G. A. Lyubimov*

Sci-Phys  
Jan 70

399,045

Shock Waves with Discontinuous Gas Conductivity  
Situating in an Electromagnetic Field, by G. A.  
Lyubimov. 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 2,  
1959, 2A1-.

Amer Inst of Phys  
Vol VI, No 3

Sci

Jan 60

104, 956

122  
Some Questions Regarding the Theory of the  
Electrode Layer of a Change in Potential,  
by G. A. Lyubimov, 15 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i  
Tekhnicheskoy Fiziki, No 4, 1964,

P100326787

FTD-HT-66-261

*G. A. Lyubimov*

Sci-Physics

Dec 67

346,058

The Effect of an Electromagnetic Field on the  
Detonation Regime, by G. A. Lyubimov, 3 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,  
1959, pp 532--.

Amer Inst of Phys  
Vol IV, No 3

Sci

Jan 20

104,960

Influence of Load on the Synchronous Operation of  
Two Reflex Klystrons, by A. I. Kostyenko, G. I.  
Lyubimov, 5 PP.

RUSSIAN, per, Radiotekh i Elektron, Vol III, No 1,  
1958, pp 112-115.

Pergamon Press

Sci - Electron

Sept 59

96,797

Experimental Study of Mutually Synchronous  
Operation of Reflex Klystrons in the Three-  
centimetre Waveband, by S. D. Gvozdover,  
A. I. Kostyenko, G. P. Lyubimov, 11 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol III,  
No 1, 1958, pp 104-111.

15  
Pergamon Press

Sci - Electron

Sept 59

96,796

A Simple Method of Tuning a Molecular Generator,  
by G. P. Iyubimov, G. M. Strakhovskiy.

RUSSIAN, per, Vest Moskov Univ Seriya III  
Fiz Astron, No 1, 1961, pp 79-81.

Navy Tr 3547/APL 383

Sci - Phys  
Sep 63

344,162

Polarization of a Beam of Molecules by an Alternating Field with Variable Amplitude and Phase, by G. P. Lyubimov, R. V. Khokhlov, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII, No 6(12), 1957, pp 1396-1402.

Amer Inst of Phys  
Sov Phys-JETP  
Vol 6 (33), No 6

Sci - Physics  
Aug 58

69,678

(NY-5233)

On the Problem of Applying New Types of Cables  
for Long-Distance Lines, by K. Ya. Sergeychuk,  
K. A. Lyubimov, E. F. Ukatin, 14 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1953,  
pp 3-5.

JPRS 7103  
CIA/FDD Tr 543

Sci  
Jul 61

159,388

Investigation of Multilayer Shields in Coaxial  
Cables, by I. I. Grodnev, K. A. Lyubimov, 5 pp.

RUSSIAN, per, Elektrosvyas', No 5, 1962.

AIES

Sci

Dec 62

232,672

(NY-7203)

Balanced High-Frequency Communication Cables With  
a New Polyethylene Cord-and-Jacket Insulation, by  
I. I. Grodnev, K. A. Lyubimov, K. V. Sidorov, 12 pp.

RUSSIAN, per, Vestnik Svyazi, No 6 (267), 1962.

JPRS 15561

Sci

Oct 62

213,870  
~~213~~

(NY-6958)

Perspectives of Development of Cable  
Communications Technique, by I. I. Grodnev,  
K. A. Lyubimov, 7 pp.

RUSSIAN, per, Vest Svyazi, No 1, 1962.

JPRS 13398

Sci

Apr 62

*191,005*  
*~~190,000~~*

Similar Trajectories for Charged Particles in  
Magnetic Fields, by V. M. Kalman, K. V. Lyubimov,  
7 pp.

RUSSIAN, per, Izvest Akad Nauk SSSR Ser Fiz,  
Vol XVIII, 1954, pp 155-60.

ABC Tr 2576/  
~~AT-6261 (Abstract)~~  
~~WFO-3309~~

Sci - Physics, ~~Electrons~~  
Nov 56 OTR

40,446

Theory of the Two-Layer Dielectric Waveguide in  
a Cylindrical Shield, by G. I. Veselov,  
L. A. Lyubimov, 10 pp.

RUSSIAN, per, Radio i Elek, Vol VIII, No 9,  
1963.

IEEE

Sci  
Sept 64

257,097

Dielectric Waveguide With Elliptical Cross  
Section, by L. A. Lyubimov, G. I. Veselov, et al, ~~XXXX~~  
9 pp.

RUSSIAN, per, Radiotekh i Elektron, No 11, 1961.

AIEE

Sci  
19 Jul 62

204,119

Problems in the Application of Wholesale Prices for  
Purposes of Determining the Volume of Gross and Commod-  
ity Industrial Output, by N. Izubimov, 26 pp.

Full tr

RUSSIAN, bim. per, Vestnik Statistiki, No 4, Moscow,  
Jul/Aug 1955. pp. 17-30.

CIA/FID U-8339

36,040

USSR

Econ - Industrial prices, gross and commodity production

May 56/dax

(FDD 20642)

Problems of Determining the Gross Productum of  
Industrial Enterprises, by N. Lyubimov, 26 pp.

RUSSIAN, bimo per, Vest Statistiki, No 4, Moscow,  
Jul/Aug 1953, pp 24-36.

CIA/FDD/U-5757

USSR  
Econ -

OTS/DEK

12,406

Effect of the Unit Quantity of Cast-Iron Shot  
on the Bottom of the Hole and a Method for  
Determining the Anticipated Drilling Resistances  
of the Rock, by N. I. Lyubimov, V. I. Morozov.  
uncl

RUSSIAN, per, Razvedka i Okhrana Nedr, Vol XXV,  
No 1, 1959, pp 25-27.

ATS RJ-1760

Sci - Engr  
Dec 59

103,496

Electrical Changes in the Structures of the Cortex  
and Hypothalamus During the Elaboration of Internal  
Inhibition, by N. N. Lyubimov, 9 pp.

RUSIAN, per, Zhur Vyshey Nerv Deyatel Imeni I. P.  
Pavlova, Vol X, No 5, 1960, pp 756-763.

PP

Sci  
Apr 62

192,777

Triassic and Jurassic Ostracods of the East 39  
Ukraine, by P. S. Lyubimova,  
RUSSIAN, per, Trudy Vses. Nauchn.  
Issled. Inst., Vol XCVIII, 1956, pp 553-569.  
REF ID: A556  
(on loan or purchase)

Oct-84

Apr 67

324,931

*RT-2963*  
Measurement of Mass by Impulse and Ionization, and  
Spectra of Impulses of Different Particles of  
Cosmic Radiation at Sea Level, by V. A. Lyubimov,  
G. P. Eliseev, V. K. Kosmachevskiy, 9 pp.

*by*  
RUSSIAN, twice-wo per, Dok Ak Nauk SSSR, Vol CCII,  
1955, pp 57-60.

*Ab, 102!*

AEC/UCRL 37-232 (L)

*RT 2963- CIA C 41541*

Scientific - Physics

Aug 55 CTS/DEX

Influence of Magnetic Fields on Resonance  
Absorption of Gamma-Rays, by V. A. Lyubimov,  
A. I. Aleksanov, 2 pp.

RUSSIAN, per: Iz Ak Nauk SSSR. Ser, Fiz, Vol XXIV,  
No 9, 1960, pp 1076-1078.

Sci

Sci

171, 979

Oct 61

Present State of Beta-Decay Theory, by  
Y. A. Lyubimov, 14 pp.

RUSSIAN, part, Iz Ak Nauk SSSR, Ser. Fiz, Vol. XXIV,  
No 9, 1960, pp 1021-1034.

CIT

Sci

171, 976

Oct 61

Investigation of Cosmic Radiation at Sea Level With  
the Aid of a Mass Spectrometer by Measuring the  
Momenta and Ionization of Individual Particles, by  
V. A. Ljubimov, G. P. Elisseyev, V. K. Kosmachovski,  
10 pp.

RUSSIAN, bi-monthly, iz Akad. Nauk SSSR, Ser. Fiz.,  
Vol XIX, No 6, 1955, pp 720-731.

Columbia Tech Tr

Sci - Physics  
Apr 57 CTS

45,632

Dependence of the Probable Ionization Due to  $\pi^+$   
Mesons on their Momentum, by V. A. Likhimov, K.  
G. P. Eliseev, V. K. Kosmachevski, A. V. Kovda,  
4 pp.

RUSSIAN, bino per, Iz Ak Nauk Sr Fiz,  
Vol XLX, No 6, 1955, pp 753-757.

Columbia Tech Tr

45, 636

Sci - Physics

Apr 57

Avail Br 5 Lib

Primary Ionization by Fast Muons, by G. P. Eliseyev,  
V. A. Lyubimov, A. M. Frolov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CVII,  
No 2, pp 233-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 2

Sci - Phys

Aug 57

57, 647

Investigation of Polarization of Internal Conversion  
Electrons in Transitions Following Decay of Heavy  
Elements, by M. E. Vishnevskiy, V. A. Lyubimov, E. F.  
Tretyakov, G. I. Grishuk, 4 pp.

RUSSIAN, per, Zhur ~~Esper~~ 1 ~~Teoret~~ Fiz, Vol XXXVIII,  
No 5, 1960, pp 1424-1429.

AIP  
Sov Phys-JETP  
Vol XI, No 5

135,473

Sci -  
Dec 60

Investigations of the Nature and Spectra of Particles  
Produced by High-Energy Nucleons, by A. I. Alikhanov,  
G. P. Eliseev, V. Sh. Kamalyan, V. A. Lyubimov,  
V. N. Moiseev, A. A. Khrizyan, 5 PP.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,  
Vol XXXVI(9), No 2, 1959, PP ~~404-410~~ 404-410.

Amer Inst of Phys  
Sov Phys - JETP

Sci - Phys

97,162

Sept 59

MEASUREMENTS OF THE LONGITUDINAL POLARIZATION OF  
Electrons Emitted in Beta-Decay of  $Ta^{170}$ ,  $Au^{198}$ ,  $Lu^{177}$ ,  
 $Sm^{153}$ ,  $Re^{186}$ ,  $Sr^{90}$ , and  $Y^{90}$ . II, by A. I. Alikhanov,  
G. P. Eliseyev, V. A. Ljubimov, 9 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XXXIV,  
No 5, 1958, pp 1045-1057.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VII (34), No 5

Sci - Phys  
Dec 58

77,509

Polarization of Electrons in  $\beta$ -Decay, by A. I.  
Alikhanov, G. P. Eliseyev, V. A. Liubimov, B. V.  
Ershler, 4 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,  
Vol XXXII, No 6, 1957, pp 1344-1349.

Amer Inst of Physics  
Sov Physics - JETP  
Vol V, No 6

Sci - Physics  
Apr 58

60,411

The Relative Primary and Total Ionization of  $\gamma$ -Mercury  
as a Function of Energy, by G. P. Yeliseyev, V. K.  
Kosmachevsky, V. A. Lyubimov

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XC,  
No 6, 1953, p 995.

HSF Tr 163

Scientific - Physics  
CTS/DEX

8906

activation energy in nitrogen diffusion  
 in its oxides, by V. V. Gal'ina,  
 V. D. Lyudskov.  
Journal of Applied Chemistry  
 Moscow, No 7, Issue 2, 1963, pp 73-85.  
 ISSN 1-7659  
 ID: 2204028205

979,  
 152

*V. D. Lyudskov*

JCS/CSRS  
 104 55

100,500

Elastic Scattering of 8,7-Bev Protons by Photo-emulsion Nuclei, by B. P. Bannik, V. G. Grishin, M. Ye. Danysh, V. B. Lyubimov, M. I. Podgoretsky, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII, No 6(10), 1960, pp 1575-1582.

Amer Inst of Phys  
Sov Phys - JETP  
Vol XXXVII, (10), No 6

Sci - Physics  
Jul 60

120,872

91

Self-diffusion of  $\text{Ag}$  in Single Crystal and  
Liquid Specimens, by V. L. Lyubimov, et al.  
RUSSIAN, per, Izvest. Akad. Nauk SSSR Ser.  
i. (ornce belo, no. 5, 1966, pp. 137-141.  
\*CPSTI TT 76-57044

*V. L. Lyubimov*

ASci/phys  
Feb 76

Mobility Activation Energy of Columbium and  
Carbon in Columbium Metal and Carbides, by  
P. V. Gel'd, V. D. Lyubimov.

RUSSIAN, per, Poroshkovaya Metallurgiya, Vol III,  
No 1, 1963, pp 76-78.

HB 6102

Sci-M/M

243,937

Dec 63

The Hot Machining of G12 Manganese Steel,  
by V. G. Lyubimov. UNCL

RUSSIAN, per, Stanki i Instrument, No 7,  
1958, pp 27-29.

TIL 4997

Sci - Min/Met  
Jan 60

105,781

Elastic Proton-Proton Scattering at 8.5 Bev, by  
V. B. Lyubimov, P. K. Markov, E. N. Tsyganov,  
Cheng P'u-Ying, M. G. Shafranova, 5 p.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII,  
No 4(10), 1959, pp 910-916.

Amer Inst of Phys 114,863  
Sov Phys - JETP  
Vol XXXVII,(10), No 4

Sci Apr 60

Rate of Reduction of  $Nb_2O_5$  by Carbon Monoxide by  
P. V. Gal'd and V. D. Iyubimov, p. 5

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 9, 1962,  
pp 19 40 - 1945

CB

Sci

340,326

Jul 63

The Dynamics of Volatile Organic Acids Formed During  
Anaerobic Decomposition of Organic Compounds by  
Microorganisms in Methane Tanks, by V. I. Lyubimov,  
Z. S. Kagan, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXVII, No 4, 1958,  
pp 484-488.

Amer Inst of Biol Sci

Sci - Med

Mar 59

82,125

Space Symmetry of Electric and Magnetic Dipole  
Structures, by V. N. Lyubimov, 6 pp.

RUSSIAN, per, Kristallografiya, Vol VIII, No 5,  
1963, pp 699-705.

Amer Inst of Phys  
Sov Phys - Crystal  
Vol VIII, No 5

Sci

Apr 64

253,963

Dipole Structure and Internal Electric Fields in  
PbZrO<sub>3</sub>. V. N. Lyubimov, Yu. N. Venevtsev, pp. 6

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 12,  
1962, pp. 3543-3550

Amer Inst of Phys  
Sov Phys - Solid State  
Vol IV, No 12

*340,800*

Sci

Jun 63

Internal Electric Fields in Crystals at  $\text{NaTaO}_3$   
and  $\text{CdTiO}_3$ , by V. N. Lyubimov, Yu. N.  
Venevtsev<sup>3</sup>, et al, 6 pp-

RUSSIAN, per, Kristallografiya, Vol VII, No 1,  
1962, pp 12-19.

AIP  
Sov Phys - Crystal  
Vol VII, No 1

Sci  
Sep 62

211,7230

How the Crews of Transport Aircraft Main-  
tain Combat Formations, by V. V. Lyubimov,  
6 pp.

RUSSIAN, per, Vest Voz Flota, No 10, 1960,  
pp 35-40. 9662146.

ATIC

USSR  
MI  
Jun 61

157, 15

Automatic Magnetic Sweep System of Mars-Spectra,  
by L. L. Delabrun, A. K. Lyubimova.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXV, No 13,  
1975, pp 2282-2285.

Morris D. Friedman

39,853

01 - Physics  
1st 1956 CTS/dex

Secondary Processes in the Ion Source of a Mass Spectrometer, by V. L. Tal'rose, A. K. Lyubimova,

RUSSIAN, thirce-no per, Dok Ak Nauk SSSR, Vol LXXXV  
No 5, 1952, pp 909-~~XXXX~~ 912.

Assoc Tech Sv RJ-440

\$6.30

PO Box 271, East Orange, N. J.

Sci - Physics

Aug 1956

36,959

GEOGRAPHY OF KAMCHATKA, BY YELENA L'VORINA  
LYUBIMOVA, 191 PP.

RUSSIAN, K BK, KAMCHATKA, FIZIKO-GEODRAFICHESKIY  
OCHERK, MOSCOW, 1961, PP 1-190.

JPRS 17536

USSR  
BRIDGE  
FEB 63

281,545

Determination of the Surface Heat Flow at  
Stary Matsesta, by E. A. Lyubimova,  
L. N. Lyubova, F. V. Firsov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofi  
No 12, 1960, pp 1806-1811.

AGU

Sci

Jun 61

156,165